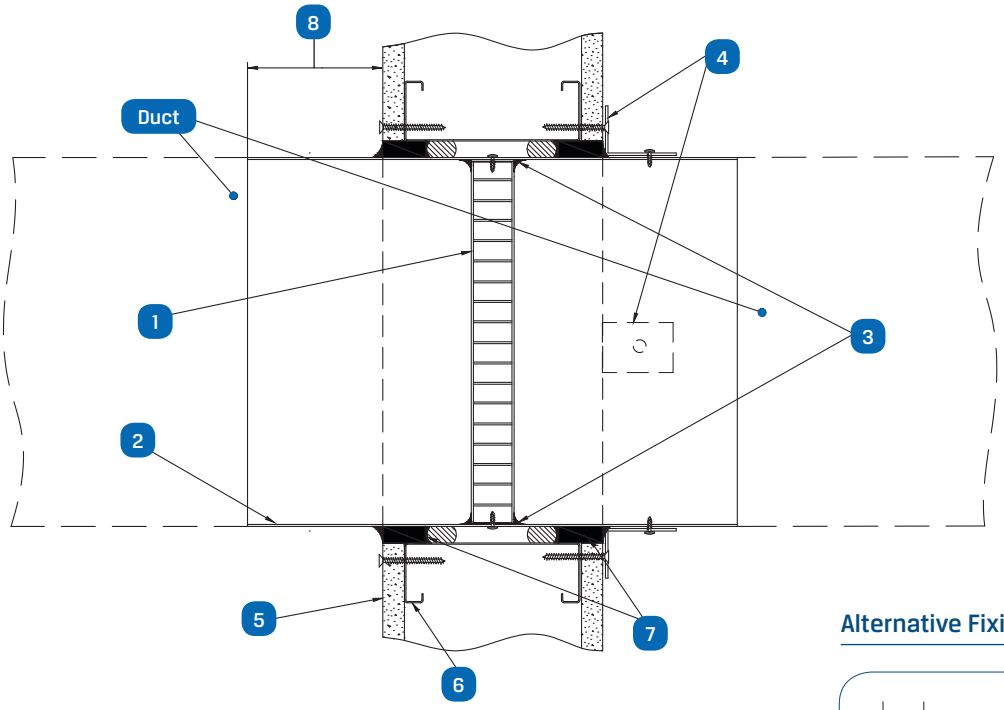
IFD-LL Series: FR Plasterboard

FRL -/90/90

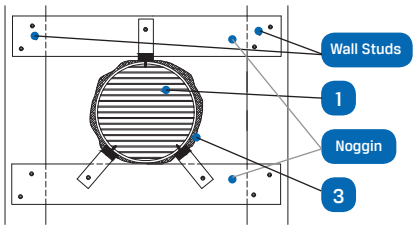


Step-by-step installation instructions available on page 2 of this datasheet.

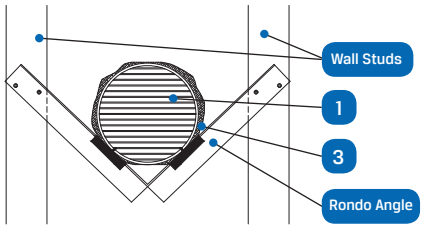
Drawing Legend

NO.	ITEM DESCRIPTION
1	**Kilargo IFD-LL Intumescent Fire Damper** Damper fitted in steel sleeve, with 4 self-drilling screws as tested and sealed at the perimeter with item 3.
2	**Damper Casing** 0.6mm or greater mild steel casing. The aperture shall be a minimum of 10mm and maximum 25mm, filled with sealant (item 3).
3	**Kilargo Intumescent Mastic** Applied to the perimeter of Kilargo IFD-LL damper and the damper casing (both sides). Applied to the aperture gap between the damper casing and the wall, to the full depth or at least 30mm deep, controlled by a 16mm IBS rod.
4	**Steel Angle** 0.7mm (min) 40-mm x 40-mm x 25-mm galvanised steel angle steel angles fixed to damper casing with 8g x 65-mm long screws and attached to wall studs with steel fixings.
5	**Plasterboard Lined Wall 90-Minute Applications** 1 x 16mm Fire Resistant Grade plasterboard each side of steel stud a minimum of 51mm deep. The wall shall be tested or assessed FRL of -/90/90 and constructed in accordance with that specification.
6	Support noggins fixed between studs to frame opening (see right).
7	Gaps between damper casing and wall system firestopped with Kilargo Intumescent mastic, maximum gap 25mm.
8	Casing length on either side of wall 0 - 150mm max, fixed to duct

Alternative Fixing Methods



FACE FIXING: Alternative fixing method Kilargo Intumescent fire damper supported by noggins fixed to studs



FACE FIXING: Alternative fixing method Kilargo Intumescent fire damper supported by external Rondo angle hung between studs.

Building element:	FR Plaster Board
Application:	Sleeve Mounted Single Sided Angle
Maximum Size:	350mm Diameter
FRL	-/90/90
Test Reference No.	FCO-3344

System No. **WP13**

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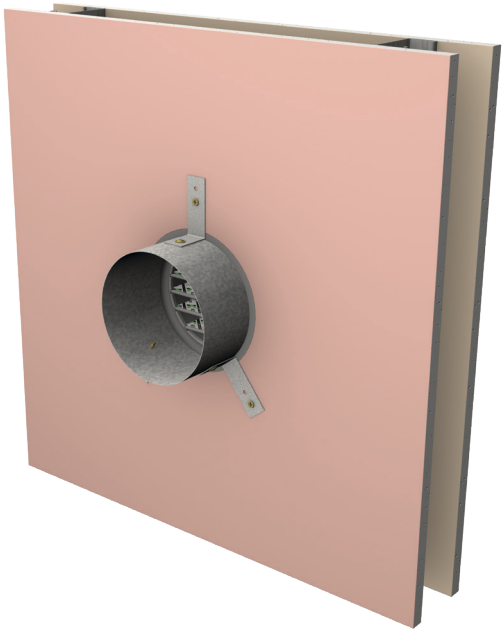
IFD-LL Series: FR Plasterboard

FRL -/90/90

Product Render: In-situ



AUSTRALIAN MADE

Installation Instructions

NOTE: Framed wall system must be installed to manufacturers recommendations including framing requirements for penetrations.

1. Ensure the wall penetration is sized and formed correctly for the IFD installation as detailed in the System Sheet
2. Position damper centrally in the penetration as per the System Drawing.
3. Fire-stop any gaps between the casing & building element on both sides, with Kilargo Intumescent Mastic. Ensure fill depth corresponds with those detailed in the System Drawing. Backing material recommended for gaps above 10mm.
4. Fasten supplied steel fixing angles to exterior of sleeve with steel self-drilling screws.
5. Fasten fixing angles to wall studs with steel fixings, noting external Rondo angle can be fitted between studs if needed.
6. Check and re apply any mastic if necessary, ensuring there is a full application as per the System Drawing

NOTE: Fixings are supplied by others.

System Notes

Kilargo Intumescent Fire Dampers shall be installed in accordance with this detail and in accordance with the requirements of AS1682.2 -Fire & Smoke Dampers. Installation & with note (but not limited to):

1. If connecting ductwork to the installed damper casing, ensure that an appropriate AS1682.2 breakaway joint method is used -refer Clause 6.1(a)
2. Ensure convenient access is provided for visual inspection and cleaning as necessary - refer Clause 6.1(d)
3. Ensure damper labels (product certification labels) are in a prominent position for easy identification during subsequent maintenance inspections - refer Clause 7.2 (b)

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